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(71) Applicant (for DE only): ROCHE DIAGNOSTICS GMBH [DE/DE]; Sandhofer Str. 116, 68305 Mannheim (DE).

- (71) Applicant (for all designated States except DE, US): F. HOFFMANN-LA ROCHE AG [CH/CH]; Grenzacherstrasse 124, CH-4070 Basel (CH).
- (71) Applicant (for all designated States except US): INNO-GENETICS N.V. [BE/BE]; Industriepark Zwijnaarde 7, Box 4, B-9052 Ghent (BE).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): HABERHAUSEN, Gerd [DE/DE]; Kapellenwiese 35, 82377 Penzberg (DE). EMRICH, Thomas [DE/DE]; Waldstrasse 21, 82393 Iffeldorf (DE). ROSSAU, Rudi [BE/BE]; Wilgehoevestraat 45, B-2180 Ekeren (BE). JANNES, Geert [BE/BE]; E. Vanhoorenbekelaan 23/1, B-3010 Leuven (BE). DE VOS, Daniel [BE/BE]; Dendermondsesteenweg 45A, B-9260 Schellebelle (BE).
- (74) Common Representative: ROCHE DIAGNOSTICS GMBH; Attn.: Dr. Martin Hildebrandt, Patent Department (TR-E), Nonnenwald 2, 82377 Penzberg (DE).
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#### Declarations under Rule 4.17:

- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
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(54) Title: METHOD FOR THE DETECTION OF PATHOGENIC GRAM POSITIVE BACTERIA FROM THE GENERA STAPHYLOCOCCUS, ENTEROCOCCUS AND STREPTOCOCCUS

(57) Abstract: The present invention is directed to a method for identification of a Gram positive pathogenic bacterium comprising (a) an amplification step with at least a first set of amplification primers capable of amplifying a preselected nucleic acid sequence region from a first predetermined sub-group of pathogenic Gram positive bacteria, (ab) a detection step with at least a first hybridization reagent capable of specifically detecting a preselected nucleic acid sequence region from said first predetermined sub-group of pathogenic Gram positive bacteria, said detection step comprising steps (aba) monitoring, whether hybridization has occurred at a preselected temperature, said occurrence of hybridization being indicative for at least the genus of the pathogenic organism present in the sample, and (abb) monitoring temperature dependence of hybridization, said temperature dependence being indicative for at least the species of said pathogenic Gram positive bacterium.

